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blend.

CLAIMS

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1.	Α	liquid	toner	com	pris	sın	g:

a carrier liquid; and

toner particles dispersed in the carrier liquid, said toner particles comprising:

a polymer blend comprising:

a first polymer comprising a minor portion of said blend and having a relatively higher chemical bonding reactivity with paper, comprising a polymer chosen from the group consisting of maleic anhydride terpolymer, maleic anhydride grafted linear low density polyethylene; maleic anhydride grafted polypropylene copolymer and maleic anhydride grafted linear ethylene acetate polymer; and

a second polymer comprising a major portion of said blend and having a relatively lower or null chemical bonding reactivity with paper,

said first polymer being in a proportion of between 2% and less than 10% of the

- 2. A liquid toner according to claim 1 wherein the polymer blend has, on a semi-logarithmic viscosity vs. temperature cooling curve, a transition at a temperature below about 65°C, wherein at temperatures below the transition temperature, the rate of change of viscosity with temperature is higher than the rate of change at temperatures above the transition temperature.
- 3. A liquid toner according to claim 2 wherein at the transition temperature, the viscosity is below about 10⁷ centipoise.

4. A liquid toner according to claim 3 wherein at the transition temperature, the viscosity is below about $2x10^5$ centipoise.

- 5. A liquid toner according to claim 2 wherein at the transition temperature, the viscosity is above about 10⁴ centipoise.
 - 6. A liquid toner according to claim 3 wherein at the transition temperature, the viscosity is above about 10⁴ centipoise.

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- 7. A liquid toner according to claim 4 wherein at the transition temperature, the viscosity is above about 10⁴ centipoise.
- 5 8. A liquid toner according to claim 1 wherein the second polymer comprises at least two polymers.
 - 9. A liquid toner according to claim 1 wherein the polymer blend is substantially insoluble in the carrier liquid and wherein at least one of the polymers solvates the carrier liquid at an elevated temperature.
 - 10. A liquid toner according to claim 1 wherein the proportion is about 5%.
- 11. A liquid toner according to claim 1 wherein the first polymer comprises maleic anhydride terpolymer.
 - 12. A liquid toner according to claim 1 wherein the first polymer comprises maleic anhydride grafted linear low density polyethylene.
- 20 13. A liquid toner according to claim 1 wherein the first polymer comprises maleic anhydride grafted polypropylene copolymer.
 - 14. A liquid toner according to claim 1 wherein the first polymer comprises maleic anhydride grafted linear ethylene acetate polymer.
 - 15. A liquid toner according to claim 1 wherein the second polymer comprises ethylene methacrylic acid copolymer.
- 16. A liquid toner according to claim 1 wherein the second polymer comprises an ionomer of ethylene methacrylic acid copolymer.
 - 17. A liquid toner according to claim 1 wherein the second polymer comprises an ester of ethylene methacrylic acid copolymer.

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- 18. A liquid toner according to claim 1 wherein the second polymer comprises low molecular weight ethylene acrylic acid copolymer.
- 5 19. A liquid toner according to claim 1 wherein the second polymer comprises an ionomer of low molecular weight ethylene acrylic acid copolymer.
 - 20. A liquid toner according to claim 1 wherein the second polymer comprises an ester of ethylene acrylic acid copolymer.

21. A liquid toner according to claim 1 wherein the second polymer comprises an acid modified ethylene vinyl acetate terpolymer.

- 22. A liquid toner according to claim 1 wherein the toner particles comprise at least one pigment.
 - A method of printing comprising:providing an electrostatic image; anddeveloping the electrostatic image with a toner in accordance with claim 1.
 - 24. A method according to claim 23 and including transferring the developed image from a surface on which it is developed to a final substrate.
 - 25. A method according to claim 24 wherein the final substrate contains cellulose.
 - 26. A method according to claim 24 wherein the final substrate is a paper.
 - 27. A method according to claim 24 wherein transferring the developed image comprises first transferring the image to an intermediate transfer member and then transferring the image therefrom to the final substrate.
 - 28. A method according to claim 24 wherein transferring comprises fixing the transferred image to the final substrate.